Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 29 Nov 2023 until 23:59 on Thursday 30 Nov 2023

Forecast Issued on Tuesday 28 Nov 2023 at 15:25

Confidence: High for cold conditions. Medium for snow details.

Headline for Wednesday 29 Nov 2023: Cold and sunny or clear.

Mountain weather hazards on Wednesday 29 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Clear night	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
20%	10%	10%	<05%	<05%	<05%	<05%	10%

Forecast for Wednesday 29 Nov 2023

Weather: Any patchy light snow overnight soon dying out with clear spells, perhaps a few freezing fog patches forming in the valleys. Dry and mostly sunny by day, perhaps the odd freezing fog patch in the valleys. Isolated snow flurries possible, mainly in the east of the park.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Generally no significant low cloud expected, but chance of patches or occasional cloud, base 600m in any snow across the east. Visibility mostly very good or excellent, except in freezing fog and snow.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 29 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 N	8/15 NE	8/14 NE	6/10 NE	6/9 NE	4/7 NE	5/7 N	5/8 N	7/10 N
300	6/9 NE	5/6 NW	4/6 E	3/5 NE	2/6 N	3/5 NE	3/4 E	3/5 NE	3/6 NE
Valley	3/12 N	3/7 N	3/7 NE	2/4 E	2/5 N	2/5 N	2/4 NE	2/5 NE	2/5 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-3/-8	-4/-8	-3/-7	-2/-6	-2/-5	-3/-6	-3/-6	-3/-7
300	1/-2	-1/-3	-1/-4	-1/-3	0/-2	0/-1	-1/-3	-2/-4	-2/-4
Valley	-0/-2	-2/-4	-2/-4	-2/-4	1/-0	0/-1	-2/-4	-2/-4	-2/-4
Freezing Level*	200m	00m	00m	00m	100m	100m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 27 Nov 2023	12.8mm	12.8mm	12.8mm

Forecast for Thursday 30 Nov 2023

Weather: Cold with a frost for much of the time. Some bright or clear spells, but also scattered or occasional snow showers.

Maximum wind: Northeast 15 to 20mph.

Chance of cloud-free hill tops above 600m: 50%

Low cloud and visibility: Scattered to extensive cloud, base around 600m, falling to around 300m in snow showers. Visibility very good falling poor or very poor in snow showers.

Temperature: **Valleys:** Minus 4 Celsius rising to Plus 1 Celsius around the middle of the day.
At 600m: Minus 2 to Minus 4 Celsius
Freezing level: All levels, rising to around 200m for a time around the middle of the day.

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